

DART SERVICE INSTRUCTION

TO AMEND D350-578 REV G AND ICA-D350-578 REV 2 OR EARLIER

REF TCCA STC SH93-4
REF FAA STC SR00028NY
REF FAA STC SR00029NY
REF EASA STC 10016984
ARGENTINA CTS-0508.13(A)

1.0 PURPOSE: To introduce the DSI 9689-011 Clamp Kit which has been designed to simplify the installation of the D350-578-0XX Bearpaws.

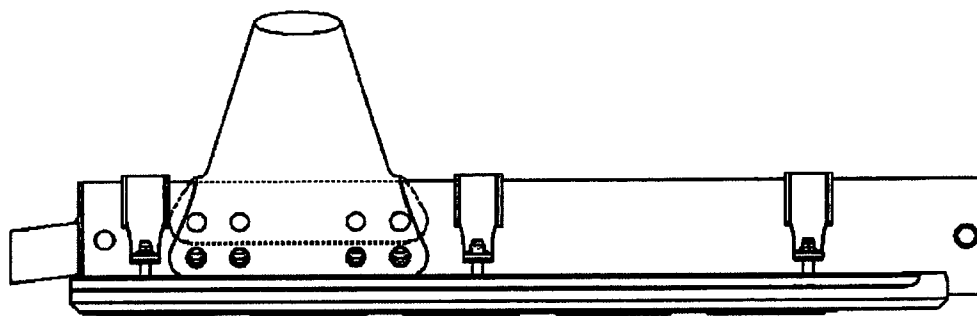


FIGURE 1: D350-578-0XX BEARPAW INSTALLATION

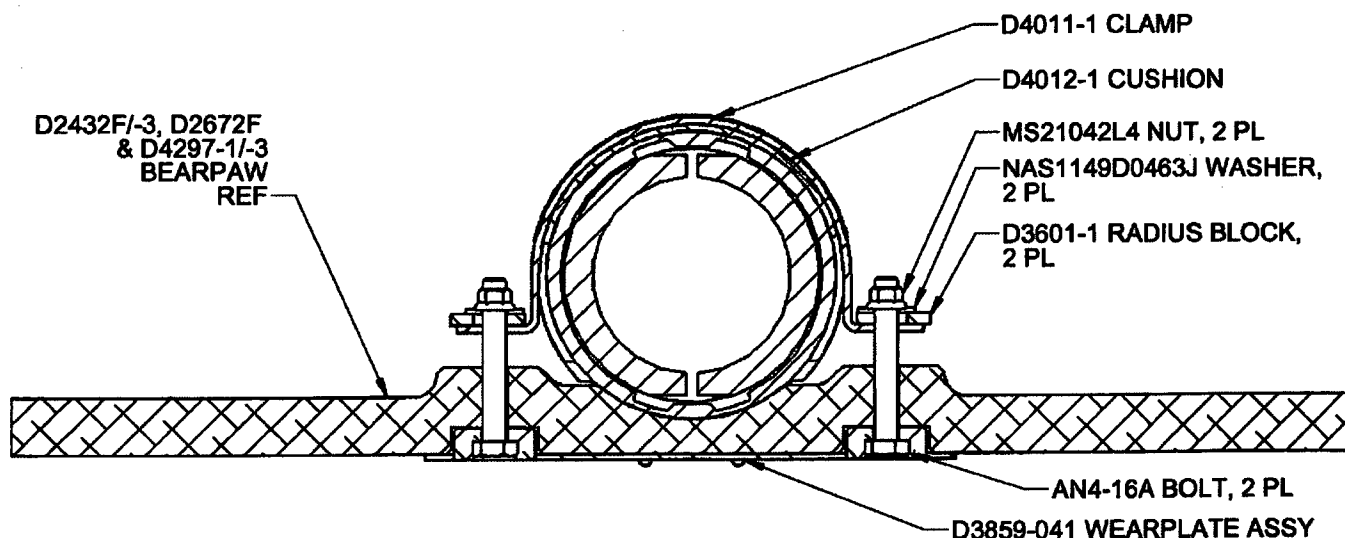


FIGURE 2: SECTION A-A CLAMPING DETAIL
TYPICAL, 3 PL PER SKIDTUBE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 14.03.19
CERT. NO.: SH93-4
ISSUE NO.: 8

A	NEW ISSUE	DB	14.03.19
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	N/A	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9689	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	INSTALLATION MODIFICATION	NTS
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2.0 PROCEDURE

Install the D350-578-0XX Bearpaws using the DSI 9689-011 Clamp Kit as follows:

- 2.1 Locate a D3859-041 Wearplate Assy on the bottom side of each Bearpaw using the AN4-16A bolts.
- 2.2 Jack up the aircraft per the Aircraft Maintenance manual.
- 2.3 Position a Bearpaw complete with D3859-041 Wearplate Assy under the aft end of each skidtube as shown in Figure 1.
- 2.4 Lower the aircraft so the aircraft is sitting on the Bearpaws.
- 2.5 Install the Bearpaws using the hardware as shown in Figure 2.

CAUTION: The torque on the nuts should be limited to 20 in-lb (2.3Nm).

NOTE: Additional NAS1149D0463J washers may be installed under the nuts to ensure 1.5 - 4 threads in safety on the bolts. Although not generally necessary, it is also acceptable to replace the AN4-16A bolts with longer or shorter AN4 bolts, if required.

3.0 PARTS LIST:

QTY -011	P/N	DESCRIPTION
X	DSI 9689-011	CLAMP KIT
2	D3859-041	WEARPLATE ASSY
6	D4011-1	CLAMP
6	D4012-1	CUSHION
12	NAS1149D0463J	WASHER
12	D3601-1	RADIUS BLOCK
12	AN4-16A	BOLT
12	MS21042L4	NUT, SELF-LOCKING

4.0 WEIGHT AND BALANCE:




Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI 9689-011 Clamp Kit	3.0 lb 1.36 kg	0.0 in 0.0 m	0.0 lb-kG 0.0 m-kG	157.0 in 3.99 m	471 in-lb 5.43 m-kG

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DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	DB	
CHECKED		DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9689 SHEET 2 OF 2
APPROVED		TITLE SCALE
DE APPR.		INSTALLATION MODIFICATION NTS
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